



TRANSFER GUIDE

AAS Electronics Engineering Technology transferring into BS Electrical Engineering Technology

Harper College Courses			
AAS Electronics Engineering Technology – 60 hours			
ENG 101-3	English Composition I	ELT 111-2	Semiconductor Devices & Circuits
MTH 103-3	College Algebra	ELT 135-2	Optics & Sensors
Elective-3	IAI Humanities	ELT 140-2	Intro to Programmable Logic Controllers
PHY 121-5	Introductory Physics I	ELT 203-4	Digital Electronics
MTH 140-5	Precalculus	ELT 207-4	Communications Systems
1 Course-3	CIS 106 or NET 105	ELT 215-4	Industrial Control Systems
ELT 101-4	DC Network Analysis	ELT 218-4	Embedded Microcontroller/Processor Sy
ELT 102-4	AC Network Analysis	Elective-4	Electronics Elective
ELT 110-4	Introductory Electronics		
Southern Illinois University Carbondale Courses Capstone Option			
BS Electrical Engineering Technology (EET) – 86 hours			
CMST 101-3	Intro to Oral Communication	EET 304A,304AL-4	AC/DC Circ Theory & App w/Lab
Elective-6	Social Science	EET 304B,304BL-4	Network Theory & App w/Lab
Elective-3	Life Science	EET 332A,332AL-4	DC Motors Gen Energy Conv Dev w/Lab
Elective-3	Fine Arts	EET 332B,332BL-4	AC Electric Machines & Pwr Sys w/Lab
Elective-3	Multicultural	EET 403A,403AL-4	Electronic Circuit Analysis w/Lab
MATH 150-4	Calculus I	EET 437A,437AL-4	Telecomm Systems Fundmntls w/Lab
MATH 282-3	Intro to Statistics	EET 437B,437BL-4	Data & Computer Communication w/Lab
MGMT 202-3	Business Communications	EET 438B,438BL-4	Seq Digital Ctrl & Data Acquisition w/Lb
PHYS 203B,253B-4	College Physics w/Lab	EET 439,439L-4	Microcontroller App & Design w/Lab
1 Course-2	CS 202/ECE 222/ENGR 222	EET 440,440L-4	Embedded Systems Design w/Lab
EET 150-2	Intro Electrical Engr Technology	EET 495A-1	EET Senior Design I
EET 238,238L-4	Digital System Fundmntls w/Lab	EET 495B-1	EET Senior Design I
EET 245,245L-4	Intro Circuit Theory & Apps w/Lab		
Total Hours to Bachelor Degree: 146 Hours			

Questions? Contact Us!

Salary Range: \$55,000-\$75,000

Possible Careers: Electronics Design Engineer
Field Service Engineer
Hardware Engineer
Senior Engineering Technician
Test Engineer

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Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is assumed current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.



Baccalaureate Degree Requirements

Each candidate for a bachelor's degree must complete the requirements listed:

Hour Requirements. Student must complete at least 120 semester hrs of credit. Each student must have at least 42 hrs in courses that number 300 or above from a four-year institution.

Residence Requirements. Student must complete the residency requirement by taking a total of 42 semester hrs at SIU Carbondale.

Grade Point Average Requirements. Student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Compact Agreement

SIU Carbondale has recognized Illinois regionally accredited community college transferable baccalaureate-oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIUC will continue to recognize the baccalaureate oriented associate degree (A.A. or A.S. degree) under the Illinois Articulation Initiative as satisfying SIU University Core Curriculum (UCC) requirements. The Associate of Applied Science (A.A.S.), Associate in Engineering Science (A.E.S.), the Associate in General Studies (A.G.S.), and the Associate in Fine Arts (A.F.A.) are not covered under the Compact Agreement and do not carry the same benefits as the A.A. and A.S. degrees.

Saluki Transfer Pathways

[Saluki Transfer Pathways](#) is the university's dual admission program that allows baccalaureate-oriented students at eligible community colleges intending to transfer to SIU Carbondale to benefit from early admission and pre-advisement for a baccalaureate program at SIUC. Saluki Transfer Pathways allows students to be conditionally admitted to SIU Carbondale up to two years in advance of their intended transfer term so they have access to transfer credit evaluation and the university's degree audit system. This allows students to address major specific requirements that may not be automatically fulfilled with the completion of an associate degree. Students apply to Saluki Transfer Pathways by completing the Application for Undergraduate Admission and indicating an interest in the program. To participate, students must have at least two semesters remaining at their community college. Direct questions about the Saluki Transfer Pathways program to transfer@siu.edu.

DegreeWorks

DegreeWorks is an easy-to-use, online degree audit tool specifically designed for students. Once admitted to SIU Carbondale, you can use it monitor your progress toward your degree in [Salukinet](#).

Saluki Transfer Estimator Portal (STEP)

The [Saluki Transfer Estimator Portal](#) (STEP) is a web-based tool that integrates institutional course equivalency and degree audit data to provide an unofficial credit estimation and a more seamless transfer process. STEP gives transfer students a clear roadmap for timely degree completion by providing key information about how transfer credits apply to your intended program at SIU.